

Title (en)
Distance determination

Title (de)
Abstandsbestimmung

Title (fr)
Détermination de distance

Publication
EP 1211478 A3 20030416 (DE)

Application
EP 01126323 A 20011106

Priority
DE 10059156 A 20001129

Abstract (en)
[origin: EP1211478A2] Triangulation method for determining the separation (D) of an object (13) from a sensor (11). The sensor has a measurement channel between emitter (S1) and receiver (E) with light reflected from the object detected by the receiver and an additional channel with a further emitter (S2) and receiver (E). The two signals are used together to determine the object distance from the sensor. An Independent claim is made for a device for determining object separation from a sensor using two or more measurement channels.

IPC 1-7
G01B 11/02; **G01S 17/08**; **G01C 3/10**

IPC 8 full level
G01C 3/06 (2006.01); **G01B 11/02** (2006.01); **G01S 7/4912** (2020.01); **G01S 17/46** (2006.01); **G01S 17/87** (2020.01)

CPC (source: EP US)
G01B 11/026 (2013.01 - EP US); **G01C 3/06** (2013.01 - EP US); **G01S 7/4912** (2013.01 - EP US); **G01S 17/48** (2013.01 - EP US);
G01S 7/4814 (2013.01 - EP US); **G01S 17/87** (2013.01 - EP US)

Citation (search report)
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• [Y] DE 19732376 C1 19990218 - FRAUNHOFER GES FORSCHUNG [DE]
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EP 1211478 A2 20020605; **EP 1211478 A3 20030416**; **EP 1211478 B1 20070418**; AT E360189 T1 20070515; DE 10059156 A1 20020606; DE 50112367 D1 20070531; EP 1722191 A1 20061115; EP 1722191 B1 20190522; JP 2002250623 A 20020906; US 2002097404 A1 20020725; US 6781705 B2 20040824

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